

IN THE CLAIMS:

1. (Original) A variable-shape mirror comprising a flexible film having a plurality of electrodes and a reflective surface whose shape varies when electrostatic forces are applied to the plurality of electrodes,

the plurality of electrodes being divided in a circumferential direction and in a radial direction of the flexible film, and

the flexible film having a greater number of circumferential-directional divisions in a peripheral portion thereof than in a central portion thereof.

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Original) A variable-shape mirror comprising a flexible film having a plurality of electrodes and a reflective surface whose shape varies when an electrostatic force is applied to the plurality of electrodes,

the flexible film including a portion with a low rigidity in a circumferential direction thereof, and a ratio of the portion with the low rigidity varies in the circumferential direction of the flexible film.

7. (Currently Amended) A variable-shape mirror comprising a flexible film having a plurality of electrodes and a reflective surface whose shape varies when an electrostatic force is applied to the plurality of electrodes,

the flexible film including openings in a circumferential direction thereof, and a ratio of ~~the~~ an opening area to a unit area ~~openings~~ varies in the circumferential direction of the flexible film.

8. (Original) A variable-shape mirror according to claim 7, wherein a diameter of each of the opening is shorter than a wavelength of light reflected by the reflective surface.

9. (Currently Amended) A variable-shape mirror comprising:
a fixed lower electrode ~~a plurality of fixed lower electrodes~~; and
a flexible film having a reflective surface and a plurality of upper electrodes,
the lower electrode has, in a region thereof, a plurality of openings arranged at different intervals, and

the flexible film has, in a peripheral portion thereof, a portion having a rigidity lower than a rigidity of other regions of the flexible film.

10. (Original) A variable-shape mirror according to claim 9, wherein the portion with the lower rigidity comprises a plurality of openings provided in the flexible film.

11. (Withdrawn) A method of manufacturing a variable-shape mirror,
comprising:

forming first and second protection films on first and second major surfaces of a semiconductor substrate;

forming a flexible film on the first protection film;

forming a plurality of openings in the flexible film;

forming an electrode film on the flexible film;

forming an opening in the second major surface and the second protection film,
and forming a frame by a residual portion of the semiconductor substrate.